# WEST Search History

| Hide Items | Restore | Clear | Cancel |

DATE: Thursday, November 10, 2005

| Hide? | Set Name | Query | Hit Count |
|---|---|---|---|
| | | *DB=USPT; PLUR=YES; OP=OR* | |
| ☐ | L22 | 235/454.ccls. | 1317 |
| ☐ | L21 | 235/454.ccls. | 1317 |
| ☐ | L20 | 235/454,455,462.06,462.25.ccls. 250/566.ccls. | 2302 |
| ☐ | L19 | 235/454.ccls. | 1317 |
| ☐ | L18 | 235/454.ccls. | 1317 |
| ☐ | L17 | 235/454.ccls. and ((cycle or period) same (illuminat$4 or source or light or laser or beam or diode or led) same (read$4 or scan$4) same (barcode or code or "bar code" or indicia or "machine readable" or symbol$4 or graphic$2 or pattern)) | 103 |
| ☐ | L16 | 235/454.ccls. ((cycle or period) same (illuminat$4 or source or light or laser or beam or diode or led) same (read$4 or scan$4) same (barcode or code or "bar code" or indicia or "machine readable" or symbol$4 or graphic$2 or pattern)) | 8209 |
| ☐ | L15 | 235/454.ccls. | 1317 |
| ☐ | L14 | (235/454,455,462.06,462.25.ccls. 250/566.ccls.) and ((cycle or period) same (illuminat$4 or source or light or laser or beam or diode or led) same (read$4 or scan$4) same (barcode or code or "bar code" or indicia or "machine readable" or symbol$4 or graphic$2 or pattern)) | 275 |
| | | *DB=PGPB,USPT,EPAB,JPAB; PLUR=YES; OP=OR* | |
| ☐ | L13 | L10 and ((cycle or period) same (illuminat$4 or source or light or laser or beam or diode or led) same (read$4 or scan$4) same (barcode or code or "bar code" or indicia or "machine readable" or symbol$4 or graphic$2 or pattern)) | 339 |
| ☐ | L12 | 10 and ((cycle or period) same (illuminat$4 or source or light or laser or beam or diode or led) same (read$4 or scan$4) same (barcode or code or "bar code" or indicia or "machine readable" or symbol$4 or graphic$2 or pattern)) | 8975 |
| ☐ | L11 | 10 and (cycle or period) same (illuminat$4 or source or light or laser or beam or diode or led) same (read$4 or scan$4) same (barcode or code or "bar code" or indicia or "machine readable" or symbol$4 or graphic$2 or pattern) | 8975 |
| ☐ | L10 | 235/454,455,462.06,462.25.ccls. 250/566.ccls. | 3281 |
| | | *DB=USPT; PLUR=YES; OP=OR* | |
| ☐ | L9 | 235/454,455,462.06,462.25.ccls. 250/566.ccls. | 2302 |
| ☐ | L8 | 235/454,455,462.06,462.25.ccls. 250/566.ccls. | 2302 |
| | | *DB=PGPB,USPT,EPAB,JPAB; PLUR=YES; OP=OR* | |
| ☐ | L7 | 235/454,455,462.06,462.25.ccls. 250/566.ccls. | 3281 |
| ☐ | L6 | L5 | 3281 |
| ☐ | L5 | 235/454,455,462.06,462.25.ccls. 250/566.ccls. | 3281 |
| | | *DB=USPT; PLUR=YES; OP=OR* | |
| ☐ | L4 | 235/454,455,462.06,462.25.ccls. 250/566.ccls. | 2302 |
| | | *DB=PGPB,USPT,EPAB,JPAB; PLUR=YES; OP=OR* | |
| ☐ | L3 | 235/454,455,462.06,462.25.ccls. 250/566.ccls. | 3281 |
| ☐ | L2 | 235/454,455,462.06,462.25.ccls. 250/566.ccls. | 3281 |

L1   235/454,455,462.06,462.25.ccls. 250/566.ccls.

3281

END OF SEARCH HISTORY

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L1 | 1622 | (light$3 or source or illuminat$4 or led or diode) with (period or cycle) near3 ("same" or equal) same (read$4 or scan$4 or imag$4) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/11/10 13:57 |
| L2 | 13 | (light$3 or source or illuminat$4 or led or diode) with (period or cycle) near5 ("same" or equal) same (read$4 or scan$4 or imag$4) same uneven$4 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/11/10 14:00 |
| L3 | 219 | (diode or light or source or led or illuminat$3) near5 (group$3 or collection or plurality) same (cycle or period) same overlap$4 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/11/10 14:01 |
| L4 | 22 | (diode or light or source or led or illuminat$3) near5 (group$3 or collection or plurality) same (cycle or period) same overlap$4 same (graphic or code or "bar code" or indicia or symbol$3 or pattern or "machine readable" or barcode) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/11/10 14:08 |
| L5 | 1006 | (diode or light or source or led or illuminat$3) near7 (group$3 or collection or plurality) same (graphic or code or "bar code" or indicia or symbol$3 or pattern or "machine readable" or barcode) same diffus$4 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/11/10 14:09 |
| L6 | 1 | (diode or light or source or led or illuminat$3) near7 (group$3 or collection or plurality) same (graphic or code or "bar code" or indicia or symbol$3 or pattern or "machine readable" or barcode) same diffus$4 same read same (cycle or duration or period or overlap$4) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/11/10 14:12 |
| L7 | 873 | (diode or light$3 or source or led or illuminat$3 or beam or laser) with (group$3 or collection or plurality or two) same (graphic or code or "bar code" or indicia or symbol$3 or pattern or "machine readable" or barcode) same read$3 same (cycle or duration or period) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/11/10 14:13 |
| S1 | 3 | ("4818847" "5144117" "5354977").pn. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 15:02 |

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|---|---|---|---|---|---|---|
| S2 | 1072 | "235"/$.ccls. and (barcode or "bar code" or "machine readable" or indicia or "printed information" or code) same (read$4 or scan$4) same (led or light$4 or illuminat$4) with (period or cycle or tim$3) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 14:25 |
| S3 | 194 | "235"/$.ccls. and (barcode or "bar code" or "machine readable" or indicia or "printed information" or "coded information") same (read$4 or scan$4) same (led or light$4 or illuminat$4) with (period or cycle or tim$3) with (equal$2 or "same" or identical) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 14:29 |
| S4 | 39 | "235"/$.ccls. and (barcode or "bar code" or "machine readable" or indicia or "printed information" or "coded information") same (read$4 or scan$4) same (led or light$4 or illuminat$4) with (period or cycle or tim$3) with (equal$2 or "same" or identical) and (distance near5 "optical axis") | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 14:30 |
| S5 | 37 | "235"/$.ccls. and (barcode or "bar code" or "machine readable" or indicia or "printed information" or "coded information") same (read$4 or scan$4) same (led or light$4 or illuminat$4) with (period or cycle or tim$3) with (equal$2 or "same" or identical) and (distance near5 "optical axis") and (edge or periphery or outer) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 14:30 |
| S6 | 37 | "235"/$.ccls. and (barcode or "bar code" or "machine readable" or indicia or "printed information" or "coded information" or "optical code") same (read$4 or scan$4) same (led or light$4 or illuminat$4) with (period or cycle or tim$3) with (equal$2 or "same" or identical) and (distance near5 "optical axis") and (edge or periphery or outer) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 14:33 |
| S7 | 19 | "235"/$.ccls. and (light or illuminat$4 or source or led) with (control$4 or activat$4 or power$3) with (period or cycle) with (equal$2 or "same" or identical) same (read$4 or scan$4) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 14:36 |

| S8 | 2614 | 235/462.06,462.12,462.25,462.26,454,455.ccls. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 14:40 |
|---|---|---|---|---|---|---|
| S9 | 45 | S8 and (period or cycle or time) with (identical$2 or "same" or equal$2) with (led or light or source or illuminat$4) and (distance near5 "optical axis") | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 14:39 |
| S10 | 93 | S8 and (distance near5 "optical axis") | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 14:39 |
| S11 | 107 | S8 and (line or array or matrix or row or area) with (led or light or source or illuminat$4) and (period or cycle) near5 (equal$2 or "same" or identical) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 14:41 |
| S12 | 91 | 235/462.06.ccls. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 15:14 |
| S13 | 52 | 235/462.26.ccls. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 15:40 |
| S14 | 254 | 235/455.ccls. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 15:41 |
| S15 | 223 | S14 not (S12 S13) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 17:06 |
| S16 | 945 | "235"/$.ccls. and (barcode or "bar code" or indicia or "machine readable" or "optical code" or code) with (read$4 or scan$4) and (source or led or light or illuminat$4) with (period or cycle) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 17:08 |
| S17 | 2777 | "235"/$.ccls. and (barcode or "bar code" or indicia or "machine readable" or "optical code" or code) with (read$4 or scan$4) and (source or led or light or illuminat$4) with (period or cycle or tim$3) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 17:10 |
| S18 | 171 | "235"/$.ccls. and (barcode or "bar code" or indicia or "machine readable" or "optical code" or code) with (read$4 or scan$4) and (source or led or light or illuminat$4) with (period or cycle) with (equal$2 or identical or "same") | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 17:11 |

| S19 | 73 | "235"/$.ccls. and (barcode or "bar code" or indicia or "machine readable" or "optical code" or code) with (read$4 or scan$4) and (source or led or light or illuminat$4) with (plurality or array or several or "two or more" or "one or more") same (period or cycle) with (equal$2 or identical or "same") | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 17:13 |
|---|---|---|---|---|---|---|
| S20 | 73 | "235"/$.ccls. and (barcode or "bar code" or indicia or "machine readable" or "optical code" or code) with (read$4 or scan$4) and (source or led or light or illuminat$4) with (plurality or array or several or "two or more" or "one or more" or "at least one" or "at least two") same (period or cycle) with (equal$2 or identical or "same") | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 17:11 |
| S21 | 115 | "235"/$.ccls. and distance near4 "optical axis" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 17:13 |
| S22 | 298 | "235"/$.ccls. and (distance with "optical axis") | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 17:20 |
| S23 | 141 | "235"/$.ccls. and (distance with "optical axis") and (light or source or led or illuminat$4) with (alternat$4 or reciprocally) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 17:22 |
| S24 | 57 | "235"/$.ccls. and (distance with "optical axis") and (light or source or led or illuminat$4) with (alternat$4 or reciprocally) with (activat$4 or turn$4) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 17:22 |
| S25 | 62 | "235"/$.ccls. and (distance with "optical axis") and (light or source or led or illuminat$4) with (alternat$4 or reciprocally) with (activat$4 or turn$4 or power$3) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 17:29 |
| S26 | 29666 | (barcode or "bar code" or indicia or "machine readable" or code or "optical code" or (graphic$3 near3 (pattern or code))) with (read$4 or scan$4) same (illuminat$4 or source or led or light or diode) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 17:31 |

| S27 | 876 | (barcode or "bar code" or indicia or "machine readable" or code or "optical code" or (graphic$3 near3 (pattern or code))) with (read$4 or scan$4) same (illuminat$4 or source or led or light or diode) with (period or cycle) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 17:31 |
|---|---|---|---|---|---|---|
| S28 | 116 | (barcode or "bar code" or indicia or "machine readable" or code or "optical code" or (graphic$3 near3 (pattern or code))) with (read$4 or scan$4) same (illuminat$4 or source or led or light or diode) with (period or cycle) same (sensor or ccd) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 17:40 |
| S29 | 387 | (barcode or "bar code" or indicia or "machine readable" or code or "optical code" or (graphic$3 near3 (pattern or code))) with (read$4 or scan$4) and (illuminat$4 or source or led or light or diode) with distance with "optical axis" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 17:50 |
| S30 | 0 | (barcode or "bar code" or indicia or "machine readable" or code or "optical code" or (graphic$3 near3 (pattern or code))) with (read$4 or scan$4) and (illuminat$4 or source or led or light or diode) with "always on" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 17:51 |
| S31 | 158 | (barcode or "bar code" or indicia or "machine readable" or code or "optical code" or (graphic$3 near3 (pattern or code))) with (read$4 or scan$4) and (illuminat$4 or source or led or light or diode) same (period or cycle) with (equal$2 or "same" or identical or matching) same (reciprocal$4 or differ$3 or opposing or opposite) with (time$1 or timing) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 18:20 |
| S32 | 1975 | (barcode or "bar code" or indicia or "machine readable" or code or "optical code" or (graphic$3 near3 (pattern or code))) with (read$4 or scan$4) and (illuminat$4 or source or led or light or diode) with (plurality or several or multiple or many or "at least one" or "at least two" or "one or more" or "two or more") same (period or cycle) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 17:59 |

| S33 | 83 | (barcode or "bar code" or indicia or "machine readable" or code or "optical code" or (graphic$3 near3 (pattern or code))) with (read$4 or scan$4) and (illuminat$4 or source or led or light or diode) with (plurality or several or multiple or many or "at least one" or "at least two" or "one or more" or "two or more") same (period or cycle) same (opposite or opposing or reciprocal$2) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 17:59 |
|---|---|---|---|---|---|---|
| S34 | 113 | (barcode or "bar code" or indicia or "machine readable" or code or "optical code" or (graphic$3 near3 (pattern or code))) with (read$4 or scan$4) and (illuminat$4 or source or led or light or diode) with (plurality or several or multiple or many or "at least one" or "at least two" or "one or more" or "two or more") same (period or cycle) same (opposite or opposing or reciprocal$2 or invers$3) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 18:03 |
| S35 | 113 | S33 S34 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 18:00 |
| S36 | 952 | (barcode or "bar code" or indicia or "machine readable" or code or "optical code" or (graphic$3 near3 (pattern or code))) near5 (read$4 or scan$4) and (illuminat$4 or source or led or light$3 or diode) with (plurality or several or multiple or many or "at least one" or "at least two" or "one or more" or "two or more") same (illuminat$4 or source or led or light$3 or diode) with (period or cycle) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 18:04 |
| S38 | 629 | (barcode or "bar code" or indicia or "machine readable" or code or "optical code" or (graphic$3 near3 (pattern or code))) near5 (read$4 or scan$4) and (illuminat$4 or source or led or light$3 or diode) with (plurality or several or multiple or many or "at least one" or "at least two" or "one or more" or "two or more") same (illuminat$4 or source or led or light$3 or diode) near7 (period or cycle) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 18:13 |

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|---|---|---|---|---|---|---|
| S39 | 209 | "235"/$.ccls. and (light$3 or led or diode or illuminat$4 or source) with (period or cycle) with (equal or "same" or identical) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 18:15 |
| S40 | 331 | benedetti.in. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 18:16 |
| S41 | 10 | benedetti.in. and michele.in. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 18:18 |
| S42 | 3 | ("5258605" "5545886" "5446267").pn. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 18:18 |
| S43 | 6054 | (barcode or "bar code" or indicia or "machine readable" or code or "optical code" or (graphic$3 near3 (pattern or code))) with (read$4 or scan$4) and (array or matrix or plurality of many or several or "one or more" or "more than one" or "two or more" or "more than two" or "at least one" or "at least two") with (light or source or illuminat$4 or led or diode or laser) same (activat$4 or power$4 or (turn$4 near3 on)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 18:22 |
| S44 | 1929 | (barcode or "bar code" or indicia or "machine readable" or code or "optical code" or (graphic$3 near3 (pattern or code))) with (read$4 or scan$4) and (array or matrix or plurality of many or several or "one or more" or "more than one" or "two or more" or "more than two" or "at least one" or "at least two") with (light or source or illuminat$4 or led or diode or laser) same (activat$4 or power$4 or (turn$4 near3 on)) same (period or cycle or tim$3) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 18:22 |

| S45 | 905 | (barcode or "bar code" or indicia or "machine readable" or "optical code" or (graphic$3 near2 (pattern or code))) with (read$4 or scan$4) and (array or matrix or plurality of many or several or "one or more" or "more than one" or "two or more" or "more than two" or "at least one" or "at least two") with (light or source or illuminat$4 or led or diode or laser) same (activat$4 or power$4 or (turn$4 near3 on)) same (period or cycle or tim$3) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 18:23 |
|---|---|---|---|---|---|---|
| S46 | 181 | (S35/$.ccls. "250"/$.ccls. "382"/$. ccls.) and S44 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 18:23 |
| S47 | 468 | ("235"/$.ccls. "250"/$.ccls. "382"/$.ccls.) and S44 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 18:28 |
| S48 | 469722 | 235/472.01.ccls. 235/462.06.ccls. 235/462.12.ccls. 235/462.25.ccls. 235/462.26.ccls. 235/455,454, 472.01.ccls. 382/181, "182", "183", "312".ccls. 250/205.ccls. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 18:29 |
| S49 | 6924 | 235/472.01.ccls. 235/462.06.ccls. 235/462.12.ccls. 235/462.25.ccls. 235/462.26.ccls. 235/455,454, 472.01.ccls. 382/181,182,183, 312.ccls. 250/205.ccls. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 18:29 |
| S50 | 343 | S49 and (source or light or led or diode or illuminat$3) near5 (array or plurality or several or cluster or one or two or matrix) same (cycle or period) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 18:31 |
| S51 | 316 | S49 and (source or light or led or diode or illuminat$3) near5 (array or plurality or several or cluster or one or two or matrix) same (cycle or period) and (read$4 or scan$4) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 18:31 |
| S52 | 210 | S49 and (source or light or led or diode or illuminat$3) near5 (array or plurality or several or cluster or one or two or matrix) same (cycle or period) and (read$4 or scan$4) with (code or barcode or indicia or "machine readable" or pattern) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 18:35 |

| S53 | 99 | S49 and (source or light or led or diode or illuminat$3) near5 (array or plurality or several or cluster or one or two or matrix) and (source or light or led or diode or illuminat$3) with (cycle or period) with (identical or "same" or equal) and (read$4 or scan$4) with (code or barcode or indicia or "machine readable" or pattern) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 18:36 |
|---|---|---|---|---|---|---|
| S54 | 38 | S49 and (source or light or led or diode or illuminat$3) near5 (array or plurality or several or cluster or one or two or matrix) and (source or light or led or diode or illuminat$3) with (cycle or period) near5 (identical or "same" or equal) and (read$4 or scan$4) with (code or barcode or indicia or "machine readable" or pattern) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 18:36 |
| S55 | 55 | S49 and (source or light or led or diode or illuminat$3) near5 (array or plurality or several or cluster or one or two or matrix) and (source or light or led or diode or illuminat$3) with (cycle or period) near10 (identical or "same" or equal) and (read$4 or scan$4) with (code or barcode or indicia or "machine readable" or pattern) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 18:36 |
| S56 | 99 | S49 and (source or light or led or diode or illuminat$3) near5 (array or plurality or several or cluster or one or two or matrix) and (source or light or led or diode or illuminat$3) with (cycle or period) with(identical or "same" or equal) and (read$4 or scan$4) with (code or barcode or indicia or "machine readable" or pattern) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 18:43 |
| S57 | 0 | S49 and (source or light or led or diode or illuminat$3) near5 (array or plurality or several or cluster or one or two or matrix) same unevenness with (light$3 or illumination) with (area or zone) same (code or "barcode" or "machine readable") near5 (read$4 or scan$4) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 18:43 |

| S58 | 0 | S49 and (source or light or led or diode or illuminat$3) near5 (array or plurality or several or cluster or one or two or matrix) same uneven$4 with (light$3 or illumination) with (area or zone) same (code or "barcode" or "machine readable") near5 (read$4 or scan$4) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 18:44 |
|---|---|---|---|---|---|---|
| S59 | 6 | S49 and uneven$4 with (light$3 or illumination) with (area or zone) and (code or "barcode" or "machine readable") near5 (read$4 or scan$4) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 18:47 |
| S60 | 351 | S49 and (differ$4 or vary$3 or uneven$4 or unequal) with (light$3 or illumination) with (area or zone or region) and (code or "barcode" or "machine readable") near5 (read$4 or scan$4) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 18:47 |
| S61 | 5 | S49 and (differ$4 or vary$3 or uneven$4 or unequal) with (light$3 or illumination) with (area or zone or region) same (center or central or middle) same (edge or side or peripher$2) and (code or "barcode" or "machine readable") near5 (read$4 or scan$4) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 18:49 |
| S62 | 519 | ("235"/$.ccls. "382"/$.ccls. "250"/$.ccls.) and (differ$4 or vary$3 or uneven$4 or unequal) with (light$3 or illumination) with (area or zone or region) and (code or "barcode" or "machine readable") near5 (read$4 or scan$4) and (period or cycle) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 18:51 |
| S63 | 441 | ("235"/$.ccls. "382"/$.ccls. "250"/$.ccls.) and (differ$4 or vary$3 or uneven$4 or unequal) with (light$3 or illumination) with (area or zone or region) and (code or "barcode" or "machine readable") near5 (read$4 or scan$4) and (period or cycle or tim$3) near5 (equal or "same" or identical) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 18:51 |

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|---|---|---|---|---|---|---|
| S64 | 222 | ("235"/$.ccls. "382"/$.ccls. "250"/$.ccls.) and (differ$4 or vary$3 or uneven$4 or unequal) with (light$3 or illumination) with (area or zone or region) and (code or "barcode" or "machine readable") near5 (read$4 or scan$4) and (illuminat$3 or light$3 or source or led or diode) same (period or cycle or tim$3) near5 (equal or "same" or identical) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 18:52 |
| S65 | 143 | ("235"/$.ccls. "382"/$.ccls. "250"/$.ccls.) and (differ$4 or vary$3 or uneven$4 or unequal) with (light$3 or illumination) with (area or zone or region) and (code or "barcode" or "machine readable") near5 (read$4 or scan$4) and (illuminat$3 or light$3 or source or led or diode) with (period or cycle or tim$3) near5 (equal or "same" or identical) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 18:57 |
| S66 | 3888 | 382/100,181,182,183,312.ccls. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 19:01 |
| S67 | 1621 | 250/200,205.ccls. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 19:01 |
| S68 | 3337 | 235/462.016,462.12,462.25,462.26,454,455,472.01.ccls. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 19:01 |
| S69 | 8794 | S66 S67 S68 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 19:01 |
| S70 | 398 | S69 and (illuminat$3 or light or led or diode or source) with (cycle or period) and (read$3 or scan$4) with (code or barcode or indicia or "machine readable") | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 19:03 |
| S71 | 141 | S69 and (illuminat$3 or light or led or diode or source) with (cycle or period) and (read$3 or scan$4) with (code or barcode or indicia or "machine readable") and ((optic$2 or central or center) near3 axis) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 19:03 |

| S72 | 94 | S69 and (illuminat$3 or light or led or diode or source) with (cycle or period) and (read$3 or scan$4) with (code or barcode or indicia or "machine readable") and ((optic$2 or central or center) near3 axis) and (uneven$4 or unequal$3 or distort$3 or diffus$4) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 19:19 |
|-----|----|-----|-----|----|----|-----|
| S73 | 53 | S69 and (illuminat$3 or light or led or diode or source) with (cycle or period) with ("same" or identical or equal) and (read$3 or scan$4) with (code or barcode or indicia or "machine readable") and (uneven$4 or unequal$3 or distort$3 or diffus$4) near5 (light$4 or illuminat$3 or intensity) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 19:22 |
| S74 | 29 | S69 and (illuminat$3 or light or led or diode or source) with (uneven$4 or distort$4 or unequal) with (central or center or edge or periphery) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 19:51 |
| S75 | 672 | 250/566.ccls. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 19:30 |
| S76 | 134 | S75 and (period or cycle) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 19:30 |
| S77 | 3175 | 250/566,208.1.ccls. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 19:50 |
| S78 | 951 | 358/504,509.ccls. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 19:50 |
| S79 | 20 | (S77 S78) and (illuminat$3 or light or led or diode or source) with (uneven$4 or distort$4 or unequal) with (central or center or edge or periphery) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 19:52 |
| S80 | 190 | (S77 S78) and (illuminat$3 or light or led or diode or source) with (period or cycle) and (pattern or code or barcode or indicia or "machien readable") with (read$4 or scan$4) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 19:55 |
| S81 | 193 | (S77 S78) and (illuminat$3 or light or led or diode or source) with (period or cycle) and (pattern or code or barcode or indicia or "machine readable") with (read$4 or scan$4) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 19:55 |

| S82 | 5 | ("4319137" "4769532" "6050387" "6188080").pn. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 20:02 |
|---|---|---|---|---|---|---|
| S83 | 1 | "6501087".pn. and read$3 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 20:03 |
| S84 | 989 | 356/71.ccls. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 20:04 |
| S85 | 0 | 356/71.ccls. and read$4 and (light$3 or illuminat$3 or source or led or diode) with (uneven$4 or unequal) with (center or central) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 20:05 |
| S86 | 0 | 356/71.ccls. and (light$3 or illuminat$3 or source or led or diode) with (uneven$4 or unequal) with (center or central) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 20:05 |
| S87 | 728 | 356/71.ccls. and (light$3 or illuminat$3 or source or led or diode) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 20:05 |
| S88 | 592 | 356/71.ccls. and (light$3 or illuminat$3 or source or led or diode) and (read$4 or scan$4) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 20:05 |
| S89 | 670 | 356/71.ccls. and (light$3 or illuminat$3 or source or led or diode) and (read$4 or scan$4 or imag$4) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/09 20:05 |
| S90 | 43 | 356/71.ccls. and (light$3 or illuminat$3 or source or led or diode) and (read$4 or scan$4 or imag$4) and (light or illuminat$4 or diode or led or source) with (uneven$4 or unequal) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/10 08:39 |
| S91 | 1933 | (area or zone or region$4) same (read$4 or scan$4 or imag$4) same (CMOS or CCD) same (period or cycle ) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/10 08:40 |
| S92 | 1023 | (area or zone or region$4) same (read$4 or scan$4 or imag$4) same (CMOS or CCD) same (period or cycle ) same (led or source or illuminat$4 or diode or light$3) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/10 08:41 |
| S93 | 4 | (area or zone or region$4) same (read$4 or scan$4 or imag$4) same (CMOS or CCD) same (period or cycle ) same (led or source or illuminat$4 or diode or light$3) same (uneven$4) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/10 08:43 |

| S94 | 271 | (area or zone or region$4) same (read$4 or scan$4 or imag$4) same (CMOS or CCD) same (period or cycle ) same (led or source or illuminat$4 or diode or light$3) same (intens$3 or power) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/10 08:46 |
|---|---|---|---|---|---|---|
| S95 | 466 | (area or zone or region$4) same (read$4 or scan$4 or imag$4) same (CMOS or CCD) same (led or source or illuminat$4 or diode or light$3) with (period or cycle) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/10 08:47 |
| S96 | 24 | (center or axis) same (area or zone or region$4) same (read$4 or scan$4 or imag$4) same (CMOS or CCD) same (led or source or illuminat$4 or diode or light$3) with (period or cycle) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/10 08:47 |
| S97 | 81 | (center or axis) same (area or zone or region$4) same (read$4 or scan$4 or imag$4) same (CMOS or CCD or sensor) same (led or source or illuminat$4 or diode or light$3) with (period or cycle) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/10 08:50 |
| S98 | 1526 | (center or axis) same (area or zone or region$4) same (read$4 or scan$4 or imag$4) same (CMOS or CCD or sensor) and (led or source or illuminat$4 or diode or light$3) with (period or cycle) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/10 08:47 |
| S99 | 1480 | (light$3 or source or illuminat$4 or led or diode) with (period or cycle) near3 ("same" or equal) same (read$4 or scan$4 or imag$4) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/10 09:09 |
| S10 0 | 92 | (light$3 or source or illuminat$4 or led or diode) with (period or cycle) near3 ("same" or equal) same (read$4 or scan$4 or imag$4) near5 (barcode or "bar code" or pattern or code or indicia or "machine readable") | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/10 09:14 |
| S10 1 | 226 | (light$3 or source or illuminat$4 or led or diode) with differ$3 near5 (distance or range) same (read$4 or scan$4 or imag$4) near5 (barcode or "bar code" or pattern or code or indicia or "machine readable") | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/10 09:14 |
| S10 2 | 93 | "235"/$.ccls. and S101 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/10 09:22 |

| S103 | 200 | 235/454,455.ccls. and (distance or range) same window | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/10 09:26 |
|---|---|---|---|---|---|---|
| S104 | 2153 | 235/454,455.ccls. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/10 09:26 |
| S105 | 1953 | S104 not S103 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/10 09:26 |
| S106 | 580 | (S104 not S103) and (period or cycle) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/10 09:31 |
| S107 | 1373 | (235/454,455.ccls.) not (S103 S106) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/10 09:35 |
| S108 | 970 | "235"/$.ccls. and (source or light$3 or led or illuminat$3 or diode) with (area or region or distance or zone) with (activat$4 or power$4 or select$4) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/10 09:36 |
| S109 | 353 | "235"/$.ccls. and (source or light$3 or led or illuminat$3 or diode) with (area or region or distance or zone) with (activat$4 or power$4 or select$4) same (read$3 or scan$4) with (indicia or code or Barcode or "machine readable" or pattern) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/10 09:46 |
| S110 | 551 | "235"/$.ccls. and (source or light$3 or led or illuminat$3 or diode) with (activat$4 or power$4 or select$4) same (read$3 or scan$4) with (indicia or code or Barcode or "machine readable" or pattern) same (period or cycle or tim$3) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/10 09:47 |
| S111 | 319 | "235"/$.ccls. and (light$4 or source or illuminat$3 or led or diode) with (activat$4 or power$4 or deactivat$3) with (distance or range) and (period or cycle) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/10 10:01 |
| S112 | 80 | "235"/$.ccls. and (light$4 or source or illuminat$3 or led or diode) with (activat$4 or power$4 or deactivat$3) with (distance or range) same(period or cycle) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/10 10:17 |

| S11 3 | 40884 | (light$4 or source or illuminat$3 or led or diode) with (activat$4 or power$4 or deactivat$3 or illuminat$3) with (period or cycle or tim$3) same (red$4 or scan$4 or imag$4) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/10 10:30 |
|---|---|---|---|---|---|---|
| S11 4 | 300 | (group or set or two or plurality or several or cluster or multiple) near5 (light$4 or source or illuminat$3 or led or diode) with (activat$4 or power$4 or deactivat$3 or illuminat$3) with (period or cycle or tim$3) same (red$4 or scan$4 or imag$4) near5 (barcode or indicia or pattern or code or "machine readable") | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/10 10:31 |
| S11 5 | 463 | (group or set or two or plurality or several or cluster or multiple) near5 (light$4 or source or illuminat$3 or led or diode) same (activat$4 or power$4 or deactivat$3 or illuminat$3) with (period or cycle or tim$3) same (red$4 or scan$4 or imag$4) near5 (barcode or indicia or pattern or code or "machine readable") | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/10 10:33 |
| S11 6 | 2153 | 235/454,455.ccls. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/10 10:33 |
| S11 7 | 171 | 235/454,455.ccls. and (period or cycle or tim$3) same (illuminat$4 or source or light$3 or led or diode) with (group or cluster or plurality or multiple or several or two) and (CCD or CMOS or matrix) and (read$4 or scan$4) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/10 10:53 |
| S11 8 | 137 | 235/462.42.ccls. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/10 11:14 |
| S11 9 | 217 | "235"/$.ccls. and (group or plurality or two or array or cluster) near5 (led or illuminat$4 or source or light$3 or diode) with (activat$4 or deactivat$4 or power$4 or turn$3) same (period or cycle or tim$3) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/10 12:13 |
| S12 0 | 340429 | ("355"/$.ccls. "356"/$.ccls. "358"/$.ccls. "250"/$.ccls. "382"/$.ccls. "235"/$.ccls.) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/10 12:16 |

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|---|---|---|---|---|---|---|
| S12 1 | 400 | S120 and (light$3 or source or illuminat$4 or led or diode) same (plurality or cluster or group or two) same (period or cycle) same (activat$4 or deactivat$4 or turn$4 or power$3) and (read$4 or imag$4 or scan$4) near5 (barcode or code or indicia or "machine readable") | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/10 12:44 |
| S12 2 | 27 | S120 and (light$3 or source or illuminat$4 or led or diode) same (plurality or cluster or group or two) same (period or cycle) same (activat$4 or deactivat$4 or turn$4 or power$3) with (alternat$5) and (read$4 or imag$4 or scan$4) near5 (barcode or code or indicia or "machine readable") | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/10 12:45 |
| S12 3 | 217 | 250/566.ccls. and (CCD or sensor) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/10 13:27 |
| S12 4 | 117 | 250/566.ccls. and (CCD or sensor) and (timing or clock or period or cycle) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/10 13:27 |
| S12 5 | 46 | 250/566.ccls. and (CCD) and (timing or clock or period or cycle) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/03/10 13:27 |
| S12 6 | 4 | ("4319137" \| "4769532" \| "6050387" \| "6188080").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/03/10 14:14 |
| S12 7 | 1 | "6501087".pn. and variable | US-PGPUB; USPAT; USOCR | OR | ON | 2005/03/10 14:14 |
| S12 8 | 6 | ("4818847" "5144117" "5354977" "4792666" "5382782" "3949233").pn. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/11/10 11:38 |